FIG.1

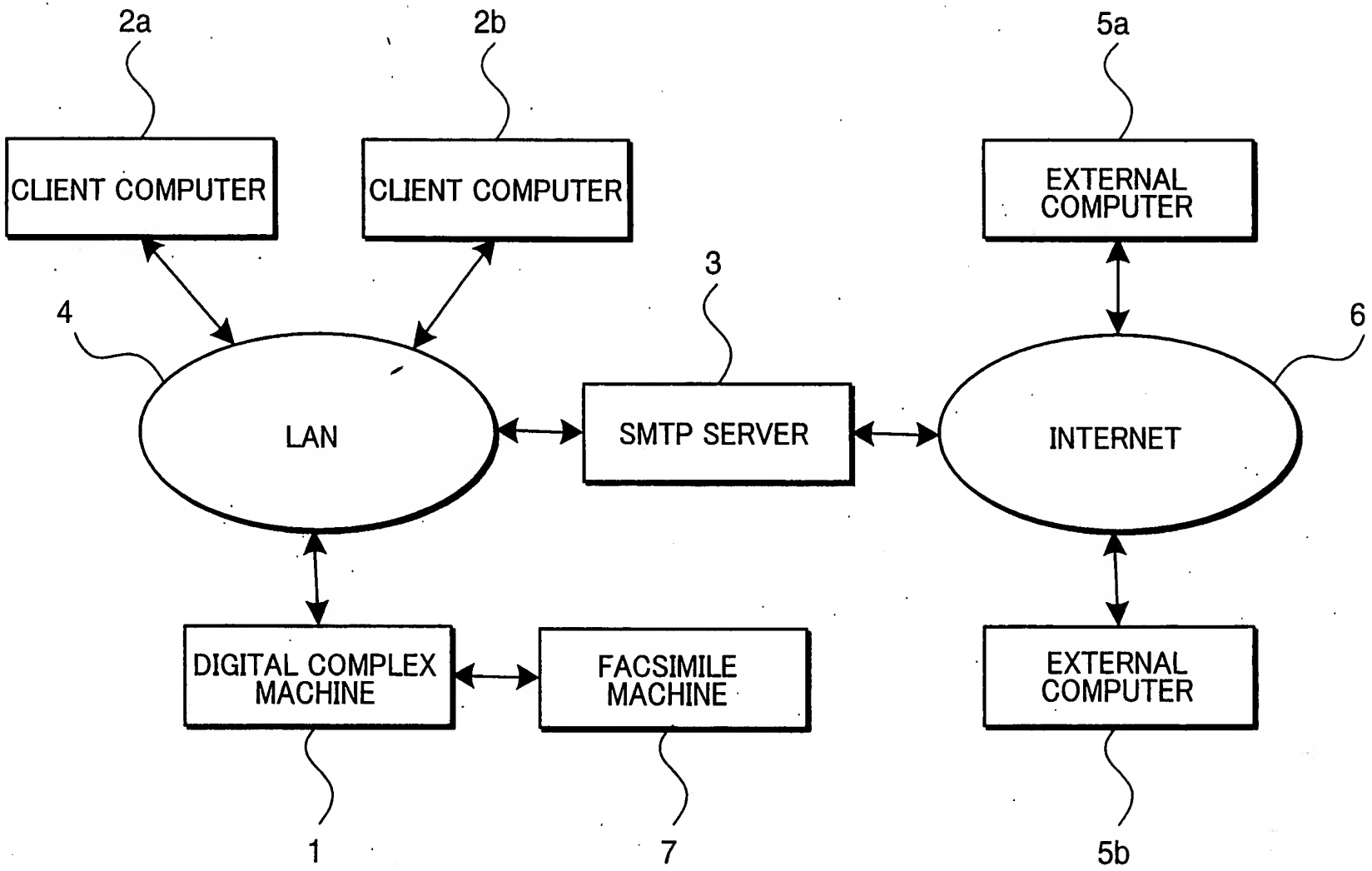
2a
2b
5a
CLIENT COMPUTER
CLIENT COMPUTER
EXTERNAL COMPUTER
3
4
6
LAN
SMTP SERVER
INTERNET
DIGITAL COMPLEX MACHINE
FACSIMILE MACHINE
EXTERNAL COMPUTER
1
7
5b

FIG.2

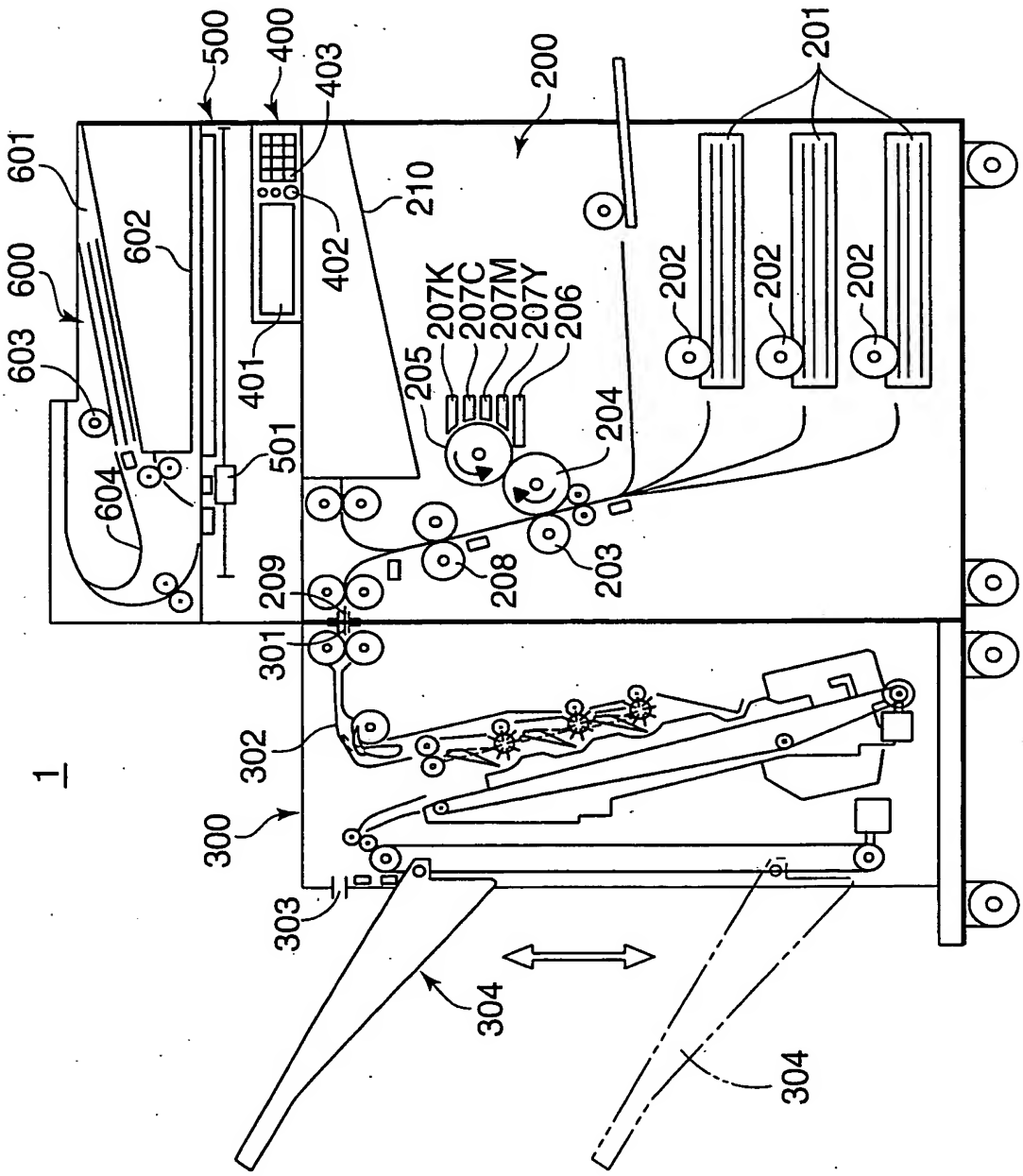
1
300
301
302
303
304
304
200
201
202
202
202
203
204
205
206
207Y
207M
207C
207K
208
209
210
400
401
402
403
500
501
600
601
602
603
604

FIG.3

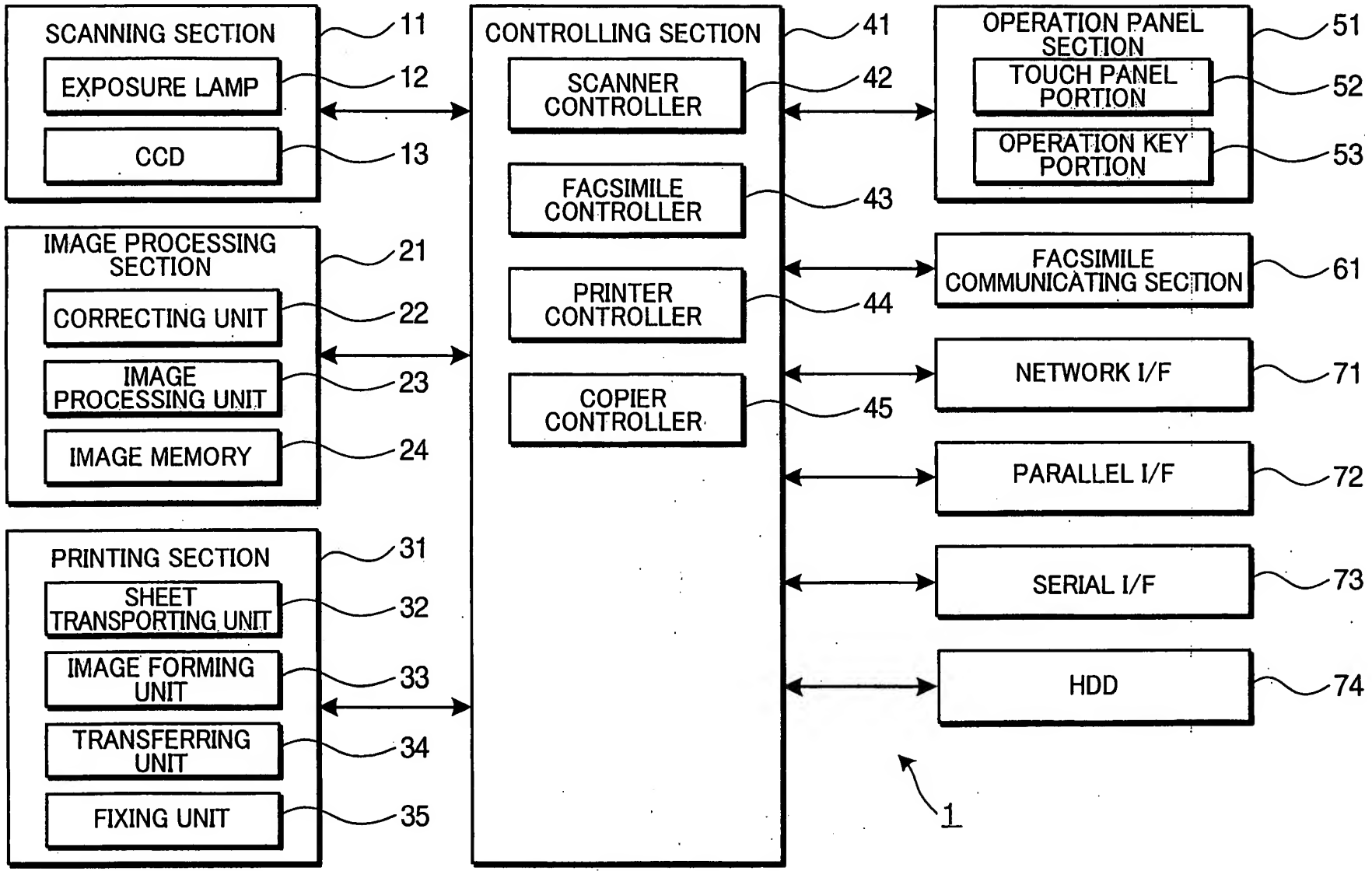
SCANNING SECTION
11
EXPOSURE LAMP
12
CCD
13
IMAGE PROCESSING SECTION
21
CORRECTING UNIT
22
IMAGE PROCESSING UNIT
23
IMAGE MEMORY
24
PRINTING SECTION
31
SHEET TRANSPORTING UNIT
32
IMAGE FORMING UNIT
33
TRANSFERRING UNIT
34
FIXING UNIT
35
CONTROLLING SECTION
41
SCANNER CONTROLLER
42
FACSIMILE CONTROLLER
43
PRINTER CONTROLLER
44
COPIER CONTROLLER
45
OPERATION PANEL SECTION
51
TOUCH PANEL PORTION
52
OPERATION KEY PORTION
53
FACSIMILE COMMUNICATING SECTION
61
NETWORK I/F
71
PARALLEL I/F
72
SERIAL I/F
73
HDD
74
1

FIG.4

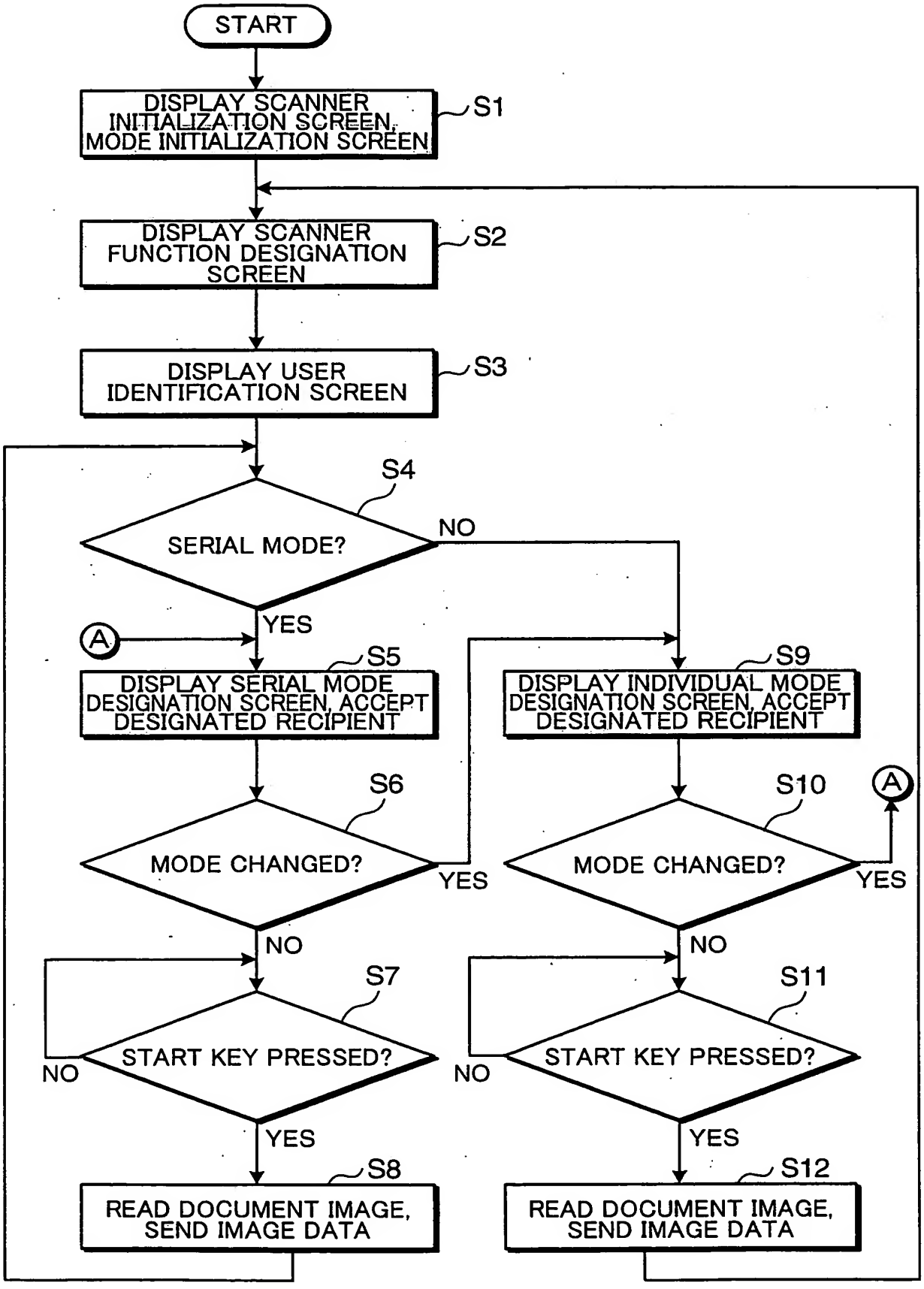
START
DISPLAY SCANNER INITIALIZATION SCREEN, MODE INITIALIZATION SCREEN
S1
DISPLAY SCANNER FUNCTION DESIGNATION SCREEN
S2
DISPLAY USER IDENTIFICATION SCREEN
S3
S4
SERIAL MODE?
NO
YES
A
S5
DISPLAY SERIAL MODE DESIGNATION SCREEN, ACCEPT DESIGNATED RECIPIENT
S9
DISPLAY INDIVIDUAL MODE DESIGNATION SCREEN, ACCEPT DESIGNATED RECIPIENT
S6
MODE CHANGED?
YES
S10
MODE CHANGED?
YES
A
NO
NO
S7
START KEY PRESSED?
NO
YES
S11
START KEY PRESSED?
NO
YES
S8
READ DOCUMENT IMAGE, SEND IMAGE DATA
S12
READ DOCUMENT IMAGE, SEND IMAGE DATA

FIG.5

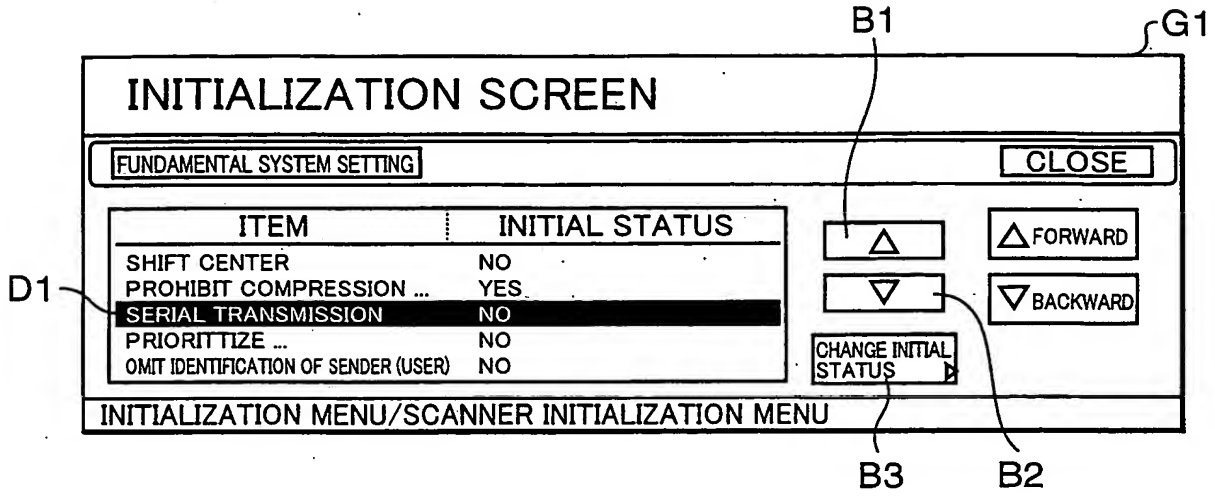

FIG.6

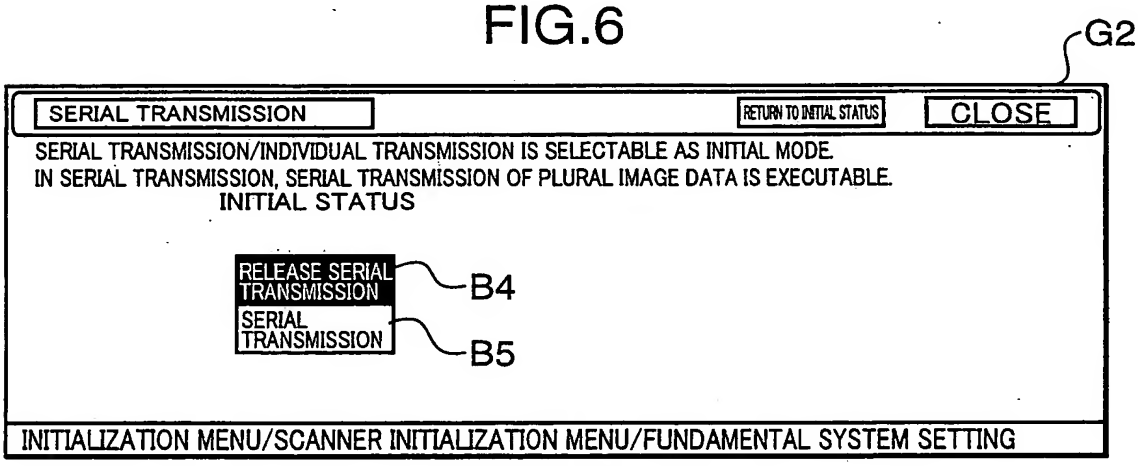

FIG.7

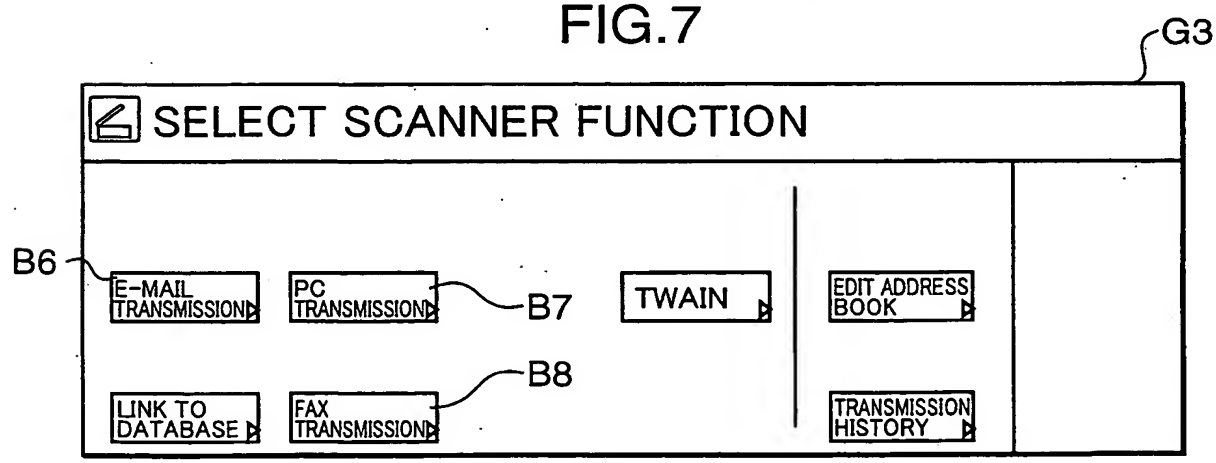

FIG.8

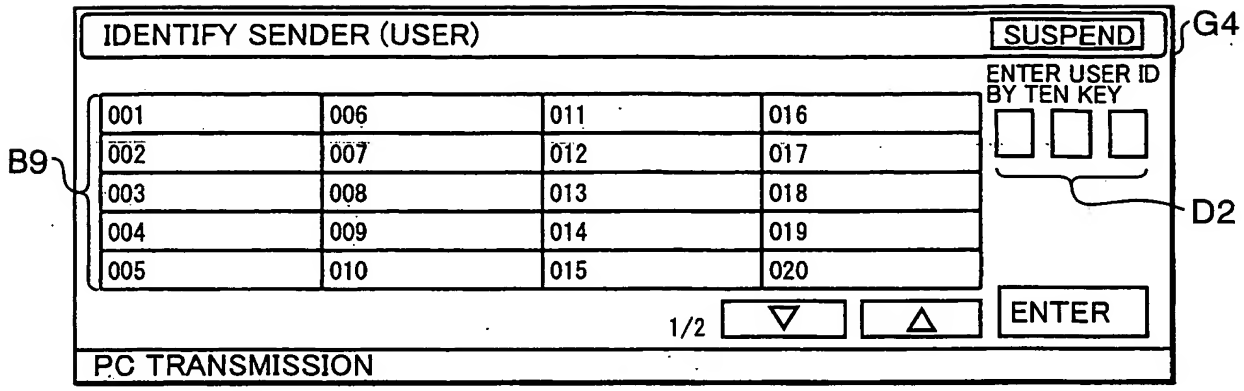

FIG.9

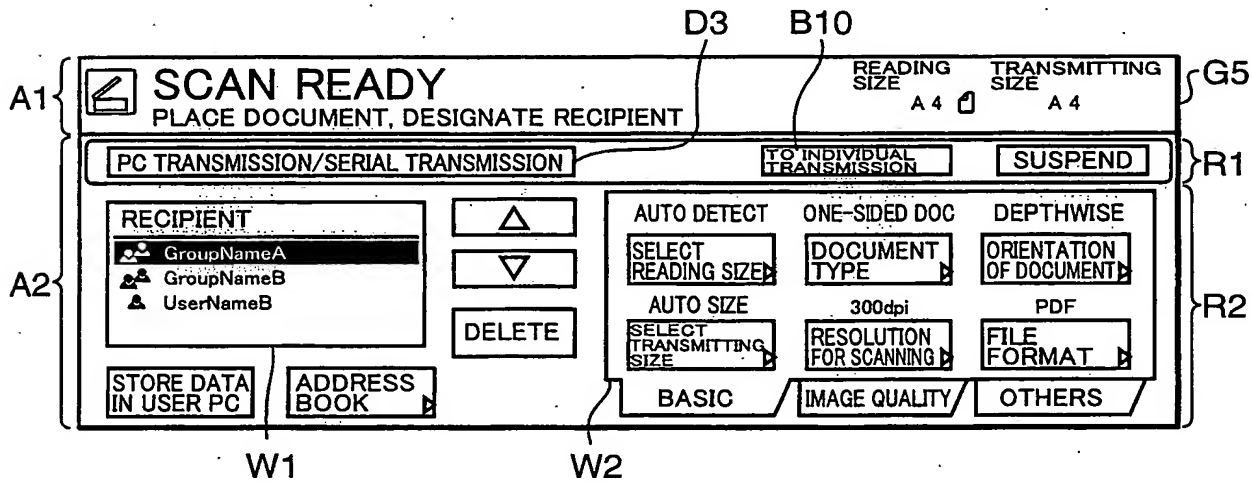
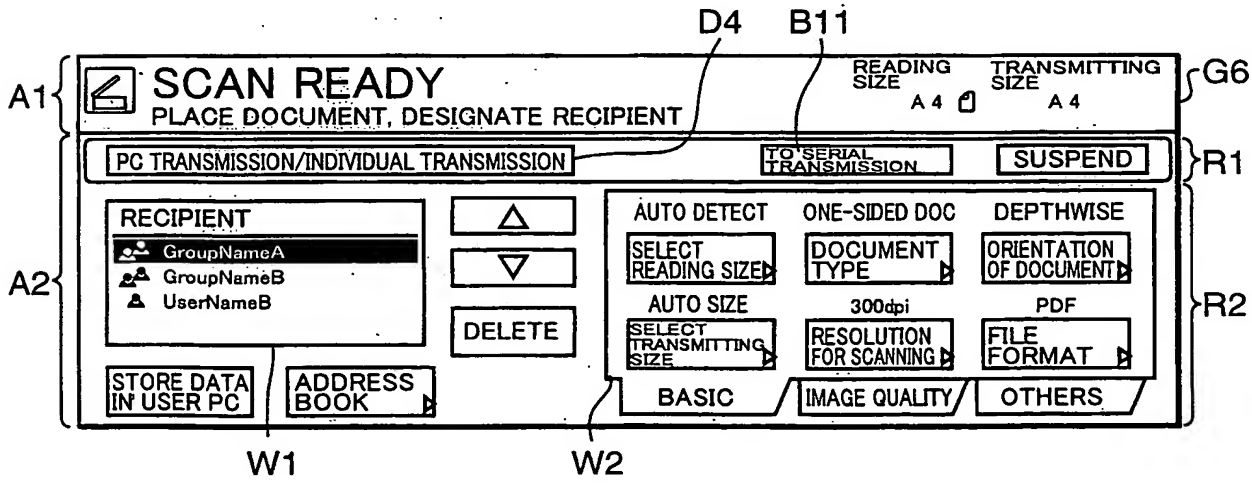
FIG.10